

# TV7511DP

## Digital 75Ω RG11 Plenum Triaxial Camera Cable

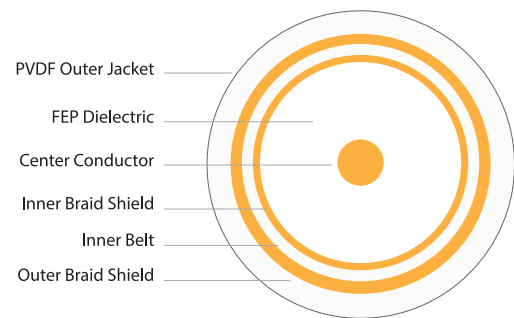


- Low-Loss RG11 Size
- 14AWG Solid Conductor
- 3GHz Bandwidth
- Gas-Injected Dielectric
- Dual Isolated Braid Shields
- UL CMP Plenum Rated

Part Number: **TV7511DP**  
 Description: Digital 75Ω RG11 Plenum Triaxial Camera Cable

### Materials & Dimensions

Center Conductor	14AWG Solid BC .064" O.D.
Dielectric	Foam FEP .285" O.D.
Inner Shield	95% BC Braid
Inner Belt	PVDF, .350" O.D.
Outer Shield	90% BC Braid
Outer Jacket	PVDF
Overall Diameter	.415"
Available Colors	White



### Performance Characteristics

Impedance	Return Loss	DC Resistance	Capacitance	Vel. of Prop.	Pulling Tension	Bend Radius	UL Rating	Weight
75Ω (+/-3)	>20 dB (1MHz - 1GHz) >15 dB (1GHz - 3GHz)	Conductor: 2.5 Ω/Mft Inner Shield: 1.6 Ω/Mft Outer Shield: 1.6 Ω/Mft	16.2 pF/ft	84%	170 lbs max.	4.2" min.	CMP	150 lbs/Mft

Frequency	1 MHz	3.6 MHz	10 MHz	71.5 MHz	135 MHz	270 MHz	360 MHz	720 MHz	1 GHz	1.5 GHz	2.25 GHz	3 GHz
Attenuation dB/100 feet	0.14	0.25	0.40	1.2	1.9	2.9	3.4	5.3	6.9	8.9	12.0	14.9
Attenuation dB/100 meters	0.46	0.82	1.3	3.9	6.2	9.5	11.2	17.4	22.6	29.2	39.4	48.9

The TV7511DP is a precision RG11 triaxial cable for digital or analog camera applications. Built for modern digital video standards, the TV7511DP features a foam FEP dielectric, a 3GHz bandwidth, certified return loss specifications and a precision 75Ω characteristic impedance. The center conductor is made from 14AWG solid bare copper for the lowest available attenuation in a triaxial cable. For plenum installation applications, the TV7511DP features high temperature PVDF and FEP compounds to achieve a UL CMP rating.